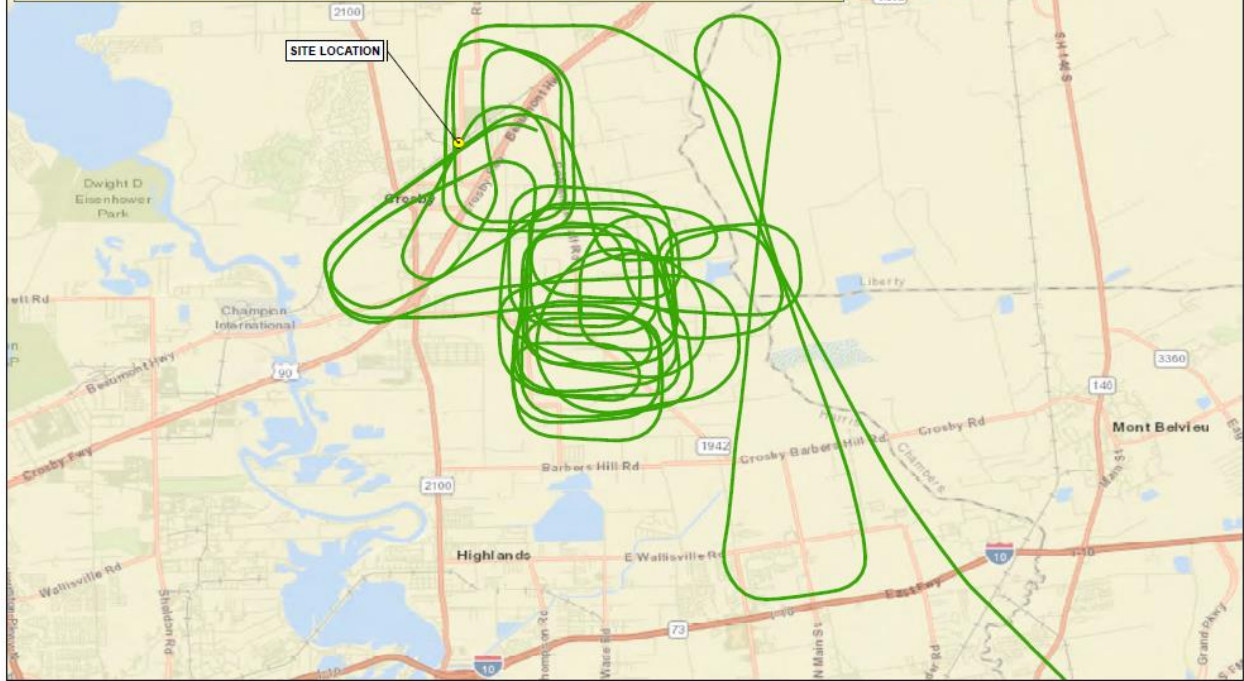


**KMCO INC Update
Crosby, Texas
April 2, 2019 0400**

- EPA continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Crosby Fire Department, and KMCO Inc.
- OSC Moore is en route to the site and OSC Loesel is on scene coordinating with first responders.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the KMCO Inc. in Crosby, Texas. The screening level results from ASPECT were compared to the ASPECT list of TCEQ short-term Air Monitoring Comparison Values (AMCVs), the EPA Acute Exposure Guideline Levels (AEGLs) and the Agency for Toxic Substance and Disease Registry (ATSDR) Minimal Risk Levels (MRL). The ASPECT detected ammonia at approximately 1 ppm which less than the AEGL-1 level of 30 ppm and the acute ATSDR MRL of 1.7 ppm. The AEGL-1 is intended for exposure less than 8 hours and the acute MRL is intended for exposure less than 14 days. In addition, ASPECT had a single detect of isobutylene.
- EPA conducted handheld air monitoring in the surrounding community and schools. The air monitoring teams did not detect any readings above background.
- The Trace Atmospheric Gas Analyzer (TAGA) mobile laboratory began mobile monitoring in the surrounding area and did not detect any readings above the TCEQ AMCVs.
- Local officials have lifted the shelter in place issued after the explosion.

ASPECT
The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the KMCO Inc. in Crosby, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs), the EPA Acute Exposure Guideline Levels (AEGLS) and the Agency for Toxic Substance and Disease Registry (ATSDR) Minimal Risk Levels (MRL). The ASPECT detected ammonia at approximately 1 ppm which is less than the AEGLS level of 30 ppm and the acute ATSDR MRL of 1.7 ppm. The AEGLS-1 is intended for exposure less than 8 hours and the acute MRL is intended for exposure less than 14 days. In addition, ASPECT had a single detect of isobutylene.



- Legend**
- SITE LOCATION
 - ~ ASPECT DATA
(No Readings Above Benchmarks)



AIR MONITORING MAP
KMCO INC EXPLOSION
16503 RAMSEY RD
CROSBY, HARRIS COUNTY, TEXAS
REPORTING PERIOD #01
4/2/2019 1200 - 4/2/2019 1500

